

Entrepreneurship Education – Politecnico di Torino

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Politecnico
di Torino



EIC is the **Entrepreneurship and Innovation Center of Politecnico di Torino**. EIC considers the full innovation and entrepreneurship journey, starting with the study of aspiring entrepreneurs and innovators through to the financing of projects and their development.

The **mission** of the Entrepreneurship and Innovation Center (EIC) is to **conduct world-class scientific research on entrepreneurship and innovation** and to promote an entrepreneurial and innovation culture.

The activities of the Center include the development of new methods and practices for transferring the results of scientific research, the study of the organization of local ecosystems of innovation, the analysis of policies and strategies for the attraction of talents and investment, new forms of innovation financing.

In this direction, the Center is aimed at providing a direct support for the growth of the entrepreneurial environment of Politecnico di Torino.

A general overview of Entrepreneurship courses @Polito

Bachelor

Master of Science

Doctoral School

Entrepreneurship and Innovation

Intraprendenti

Unite!
(previously E4T
Erasmus+
2018-2020)

Entrepreneurship and Business Planning

Alta Scuola Politecnica

Challenge @Polito

Unite!
(previously E4T
Erasmus+
2018-2020)

Entrepreneurship and Startup Creation

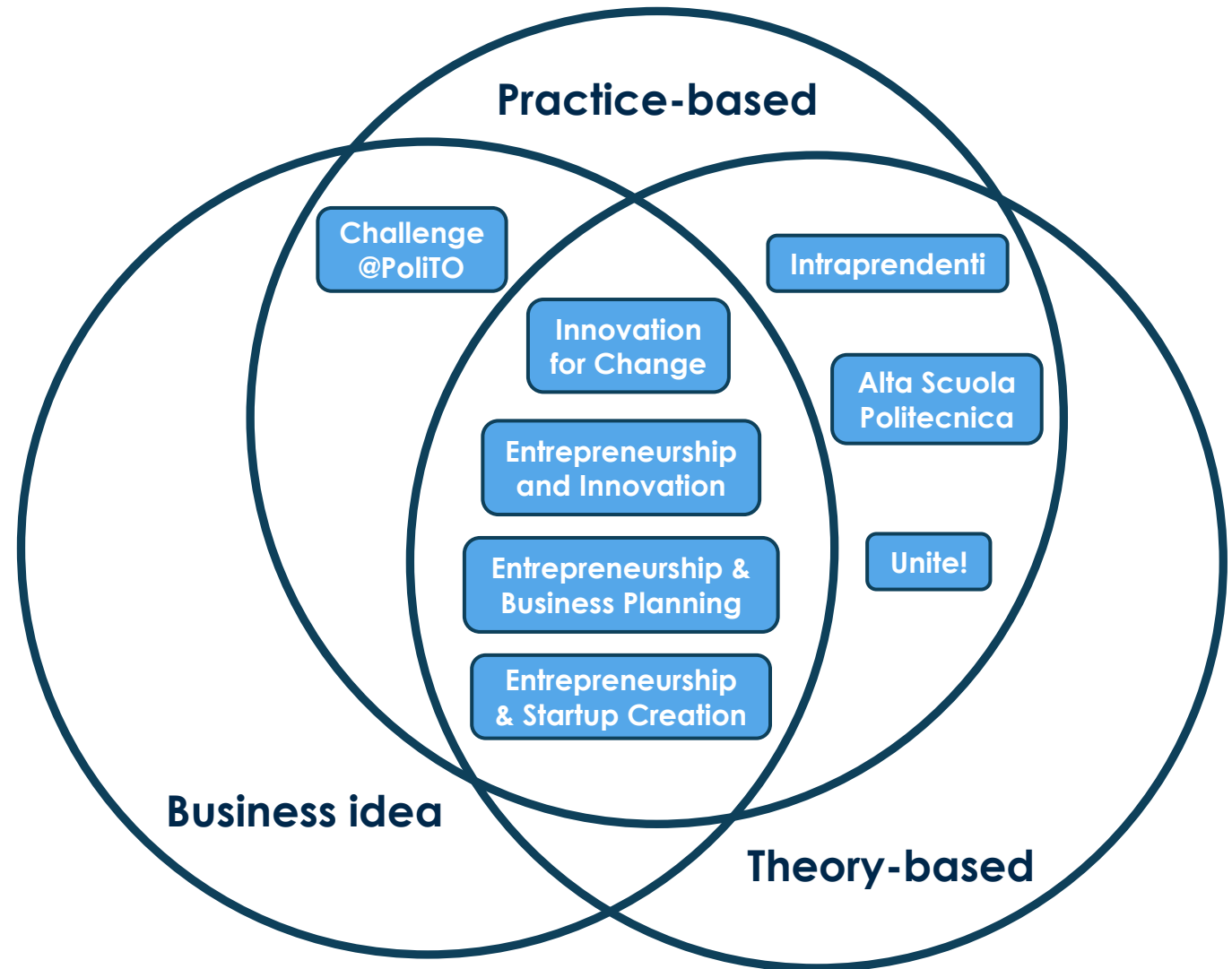
Innovation for Change

Unite!
(previously E4T
Erasmus+
2018-2020)

Teaching Methodologies @PoliTO

There is a clear prevalence of a mix of:

- Business Idea
- Practice
- Theory



Challenge@PoliT0



Challenges are **innovative educational activities** carried out at the Politecnico di Torino, in particular at the CLIK (Connection Lab and Innovation Kitchen). They are **real challenges to find the most innovative idea**: master's degree students, divided into multidisciplinary teams with different backgrounds from all degree courses, search for new solutions that solve the proposed challenges.

The challenges are of two types:

- **Challenge by Firms**, if the challenges come from companies and associations, and concern concrete technological problems or problems related to industrial dynamics;
- **Challenge by Students**, if the challenges come from students, to solve problems identified within macro-categories decided by the LabTT (Interdepartmental Technology Transfer Laboratory).

Challenges last one semester (14 weeks). Each challenge is assigned to a lecturer and is supported by mentors (researchers and PhD students) who will provide the students with technical, methodological and business support. At the end of the activities, each team will hold a pitch presentation of the project, followed by a demonstration of the proposed prototype or solution.

Methodologies and processes: **Design Thinking, Idea Creation, Development & Prototyping, etc.**

Challenge	Students	Firms
33 (since 2018)	830	23 (Adidas, Aruba, Ferrero, Leonardo, Movyon, Sea & Symphony, Poste Italiane, AgriTech, FCA, Hitachi, Rold, Evo, Autostrade Tech, Egea, Tosa, Sargomma, Sacal, etc.)

Entrepreneurship and Start-up Creation



The course aims to **develop individual skills related to the ability to apply the results of scientific and technological research**, targeting them towards the creation of new business ventures. In particular, the course addresses the fundamental concepts and tools for the assessment of the economic value and market potential of technological innovations related to **patents and academic spinoffs**.

Students work in **multidisciplinary teams composed by PhD students from different departments** on a real business creation case based on a specific patent owned by Politecnico di Torino with the Politecnico's Technology Transfer office. Students support the strategic planning of the new venture in collaboration with the inventors of the patents or academic spinoffs.

Students present the final results of their projects to a **panel of practitioners** (entrepreneurs, business angels and institutional investors of financial intermediaries).

Methodologies and processes: **Lean Startup, Patent analysis, Customer discovery, Market & exploitation, etc.**

Editions	Students	Academic spinoffs
6 (since 2017)	330	50 (T-Remedie, Camelot, Aquaseek, Migre, Strategico, Cultura, U-Care, Proteolabio, etc.)

Innovation for Change



Innovation for Change is an **interdisciplinary course** for engineers, designers, architects and managers **on entrepreneurship excellence and innovation** to face Global Challenges.

PhD students from PoliTO work together with MBA fellows of CDI Italia for 5 months in Turin & Geneva to receive a final certification based on a unique project connecting top talents with cutting edge technologies aiming to face the global challenges (e.g. Clean Water, Green Energy, Health, Food Security).

Politecnico di Torino in collaboration with CERN and CDI Italia with the support from **companies and institutions**.

Methodologies and processes: **Lean Startup, Ideation, Validation, Execution, etc.**

Editions	Students	Companies and institutions
7 (since 2016)	110	50 (CNH Industrial, DSM, Grimaldi, Movyon, Ministry of Sustainable Infrastructure and Mobility, Rai Way, UNICRI, Enel, Ministry of Justice, Snam, Arduino, Iren, TELT, Banca Mediolanum, etc.)

Thank you